Fig. 1

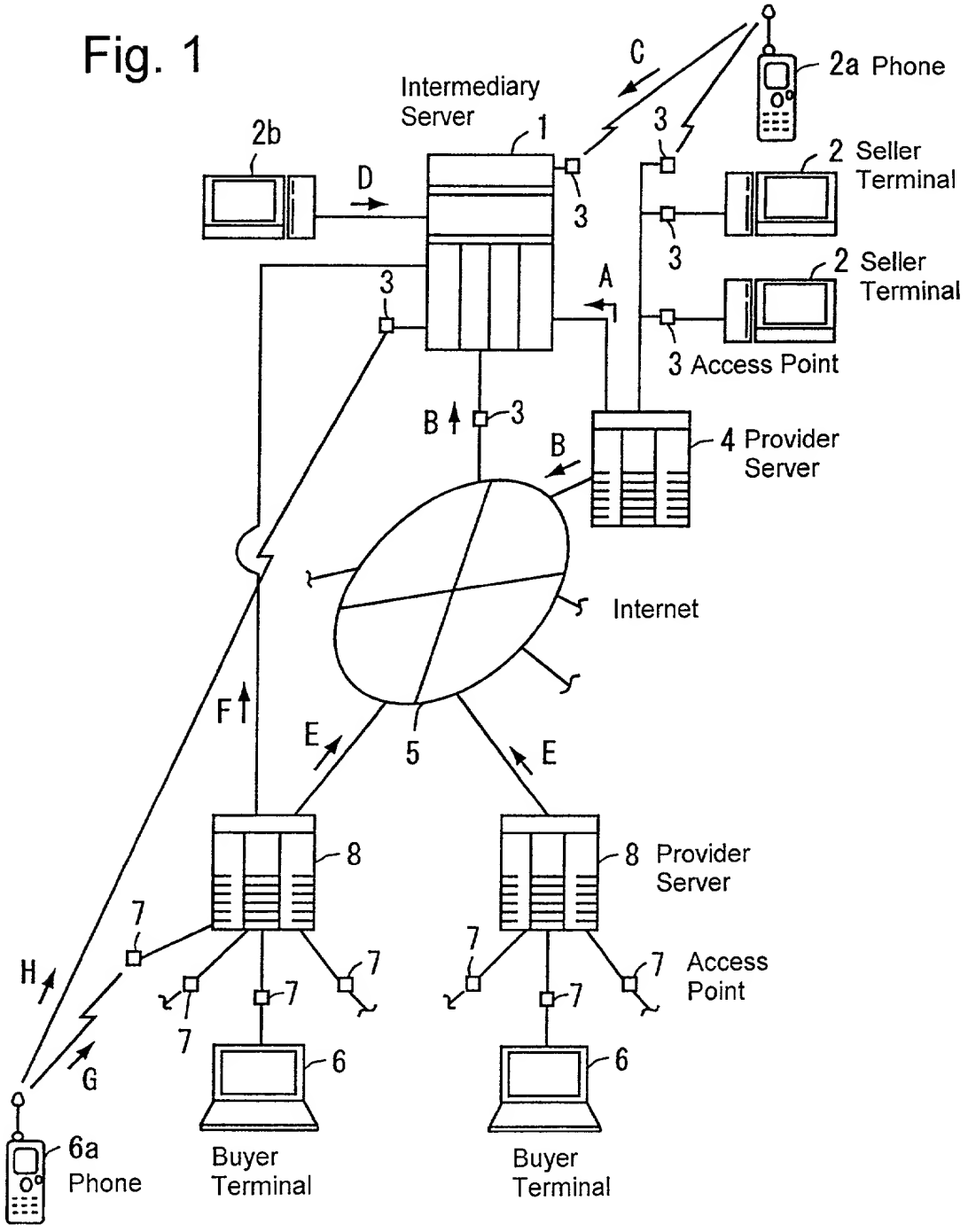

Intermediary Server
1
2b
D
C
2a Phone
3
2 Seller Terminal
2 Seller Terminal
3 Access Point
A
B
4 Provider Server
Internet
5
E
F
H
G
8
8 Provider Server
7
Access Point
6
6a Phone
Buyer Terminal
Buyer Terminal

Fig. 2

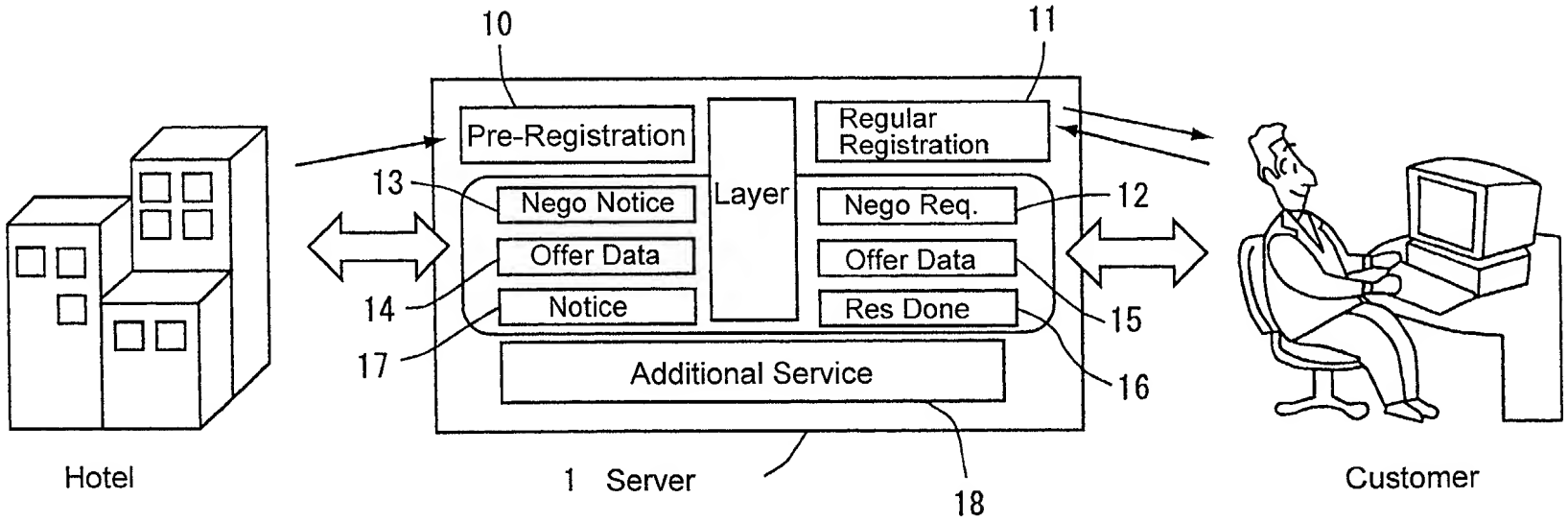

10
11
Pre-Registration
Regular Registration
Layer
13
Nego Notice
Nego Req.
12
Offer Data
Offer Data
14
Notice
Res Done
15
17
Additional Service
16
Hotel
1 Server
18
Customer

Fig. 3

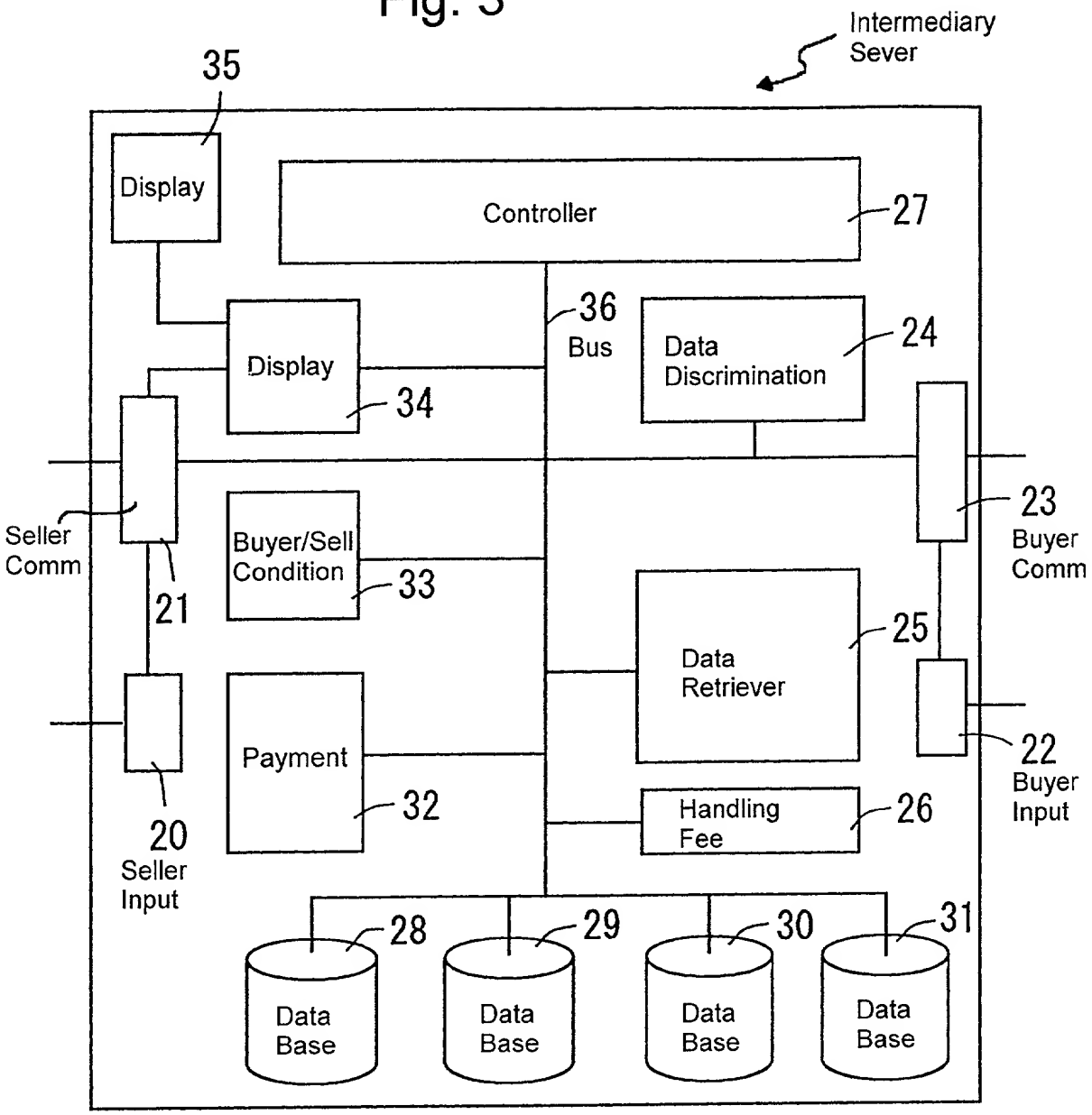

Intermediary Sever
35
Display
Controller
27
Display
34
36
Bus
Data Discrimination
24
Seller Comm
21
Buyer/Sell Condition
33
23
Buyer Comm
Data Retriever
25
Payment
32
Handling Fee
26
22
Buyer Input
20
Seller Input
28
29
30
31
Data Base
Data Base
Data Base
Data Base

Fig. 4

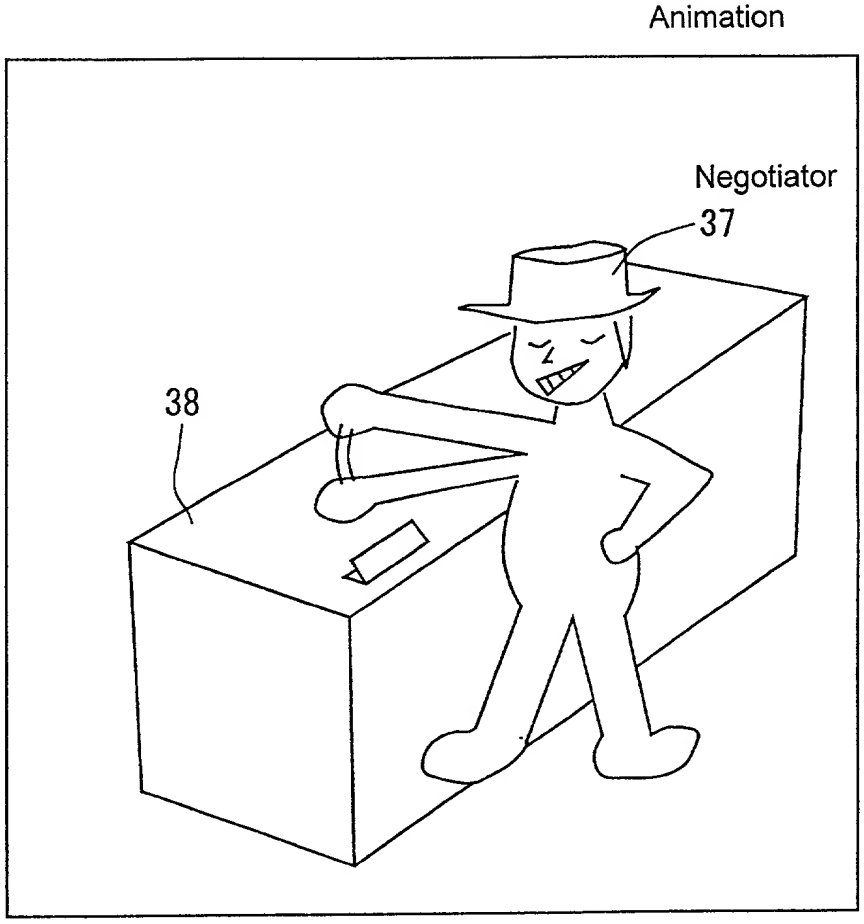


Fig. 5

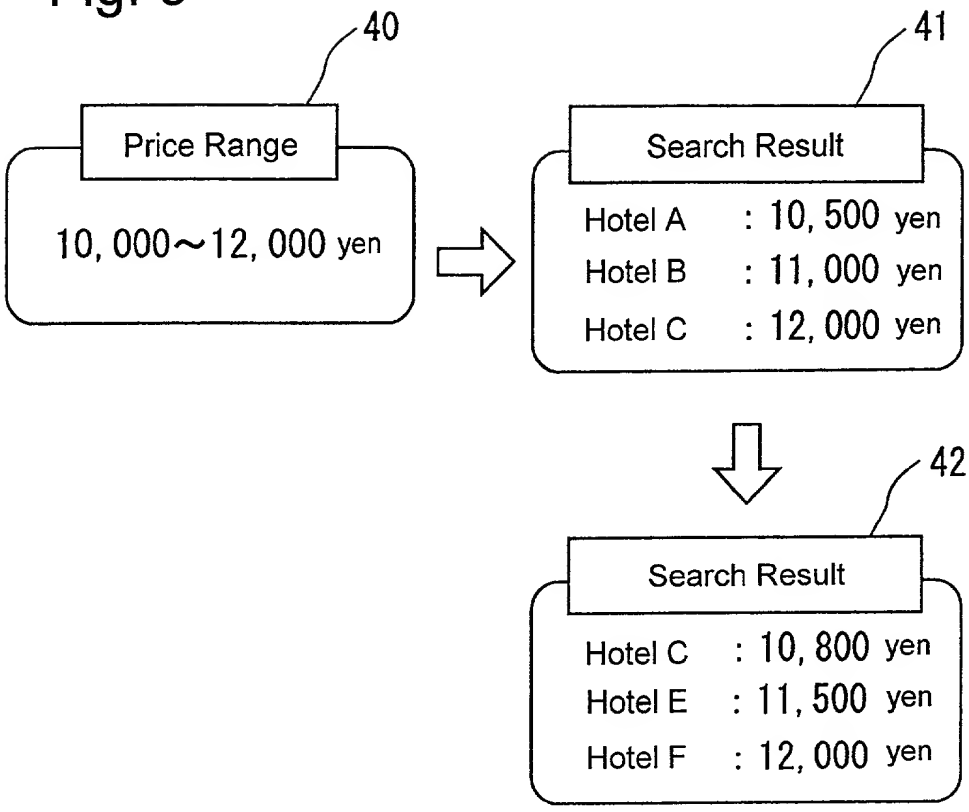

40
Price Range
10, 000～12, 000 yen
41
Search Result
Hotel A : 10, 500 yen
Hotel B : 11, 000 yen
Hotel C : 12, 000 yen
42
Search Result
Hotel C : 10, 800 yen
Hotel E : 11, 500 yen
Hotel F : 12, 000 yen

Fig. 6A

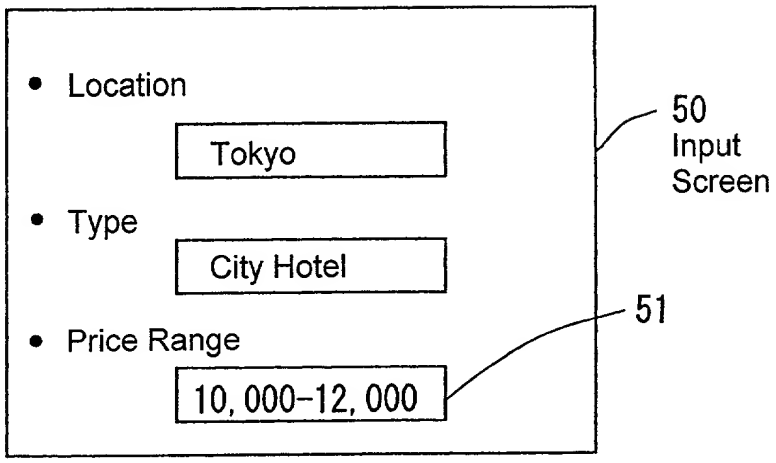


Fig. 6B

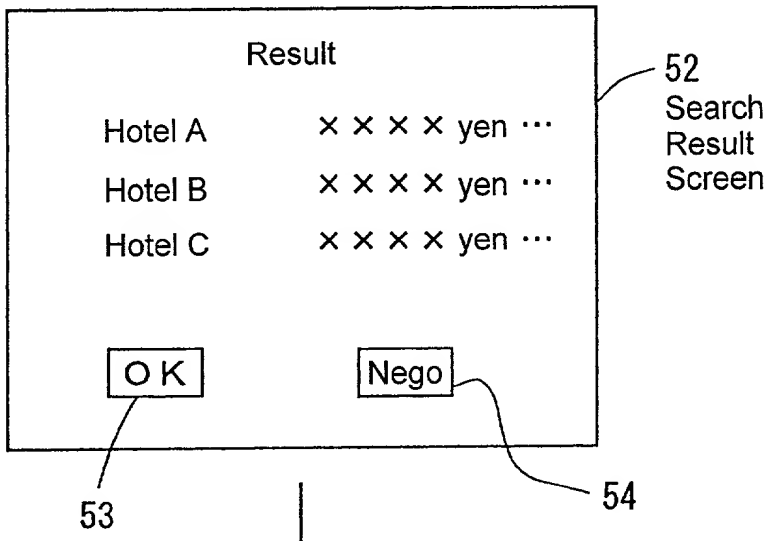


Fig. 6C

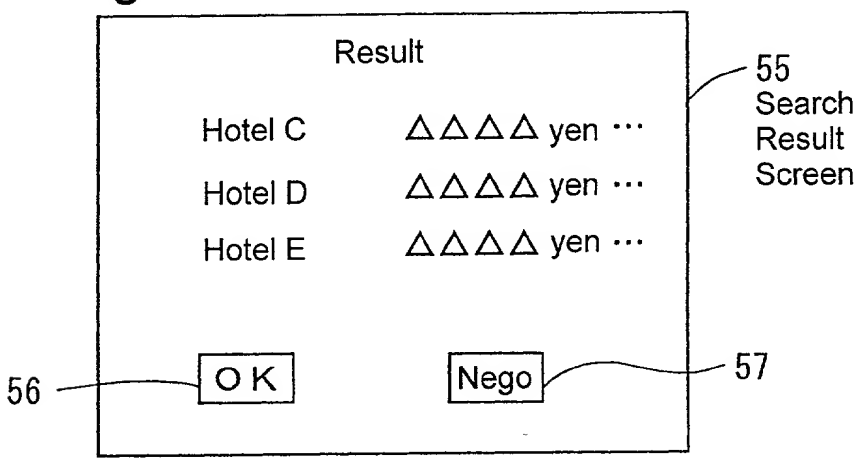


Fig. 7A

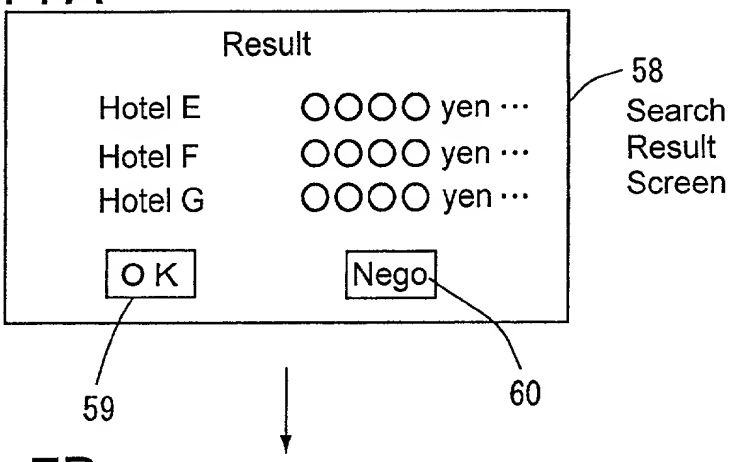


Fig. 7B

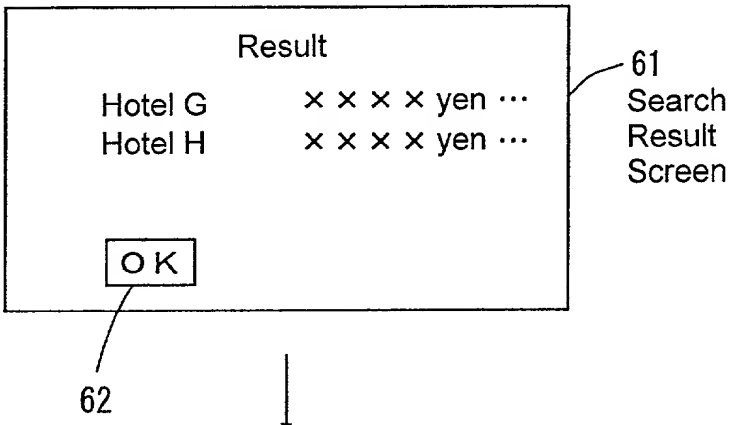


Fig. 7C

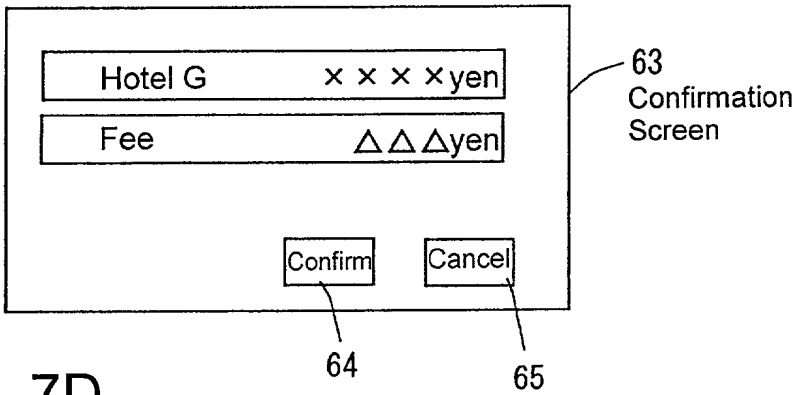


Fig. 7D

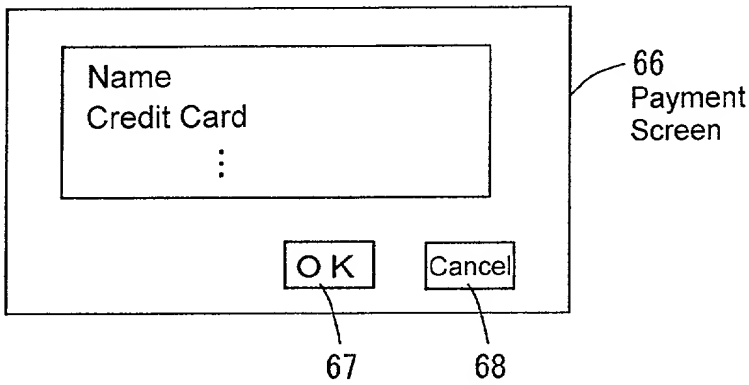


Fig. 8

	Discount Rate (%)		Handling Fee (%)	
Regular Price	To Customer	Server Setting	To Hotel	To Customer
	—	—	M%	—
Nego-Price A	P%	P%~	S%	V%
Nego-Price B	Q%	Q%~	T%	W%
Nego-Price C	R%	R%	U%	X%

Fig. 9

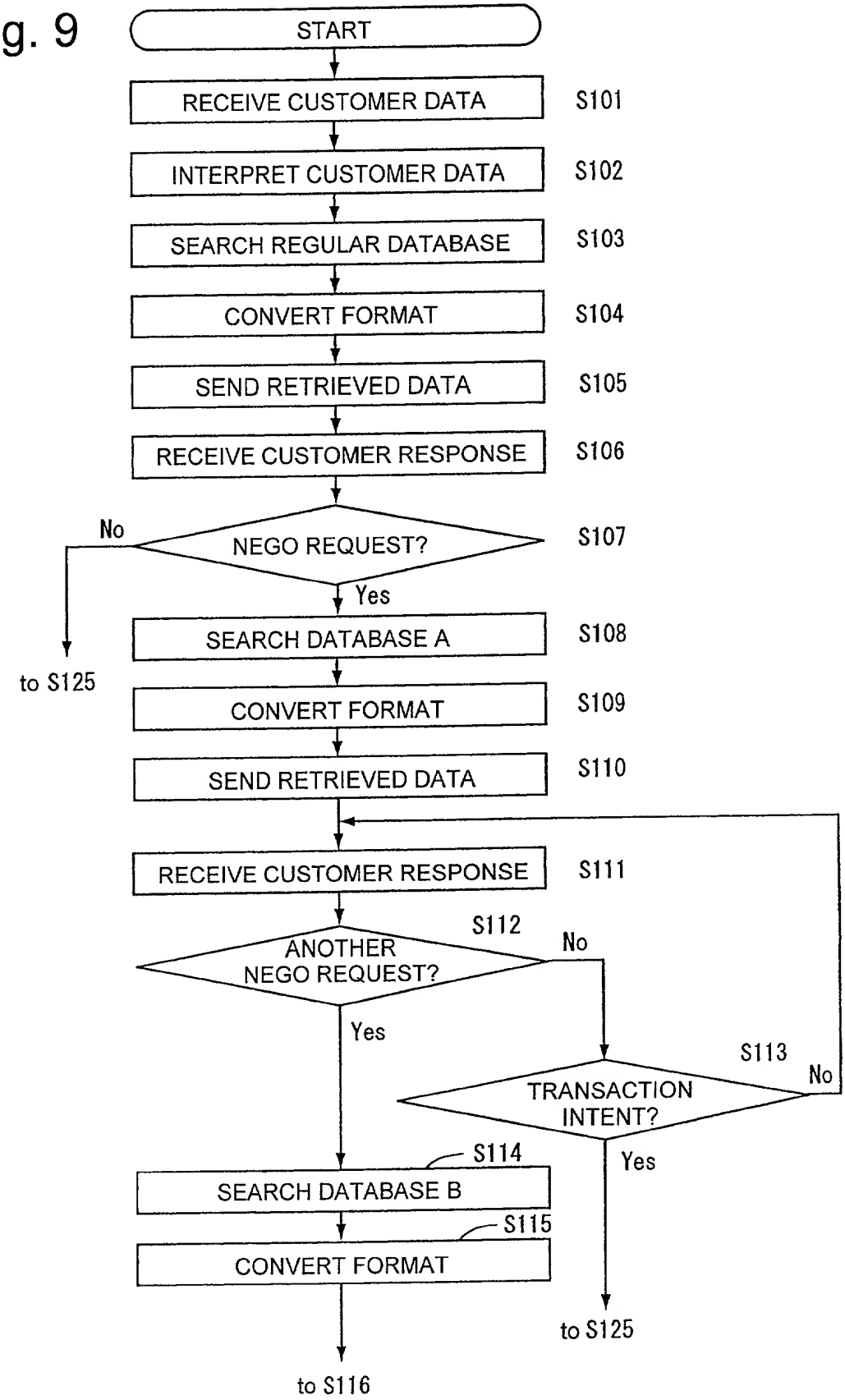

START
RECEIVE CUSTOMER DATA
S101
INTERPRET CUSTOMER DATA
S102
SEARCH REGULAR DATABASE
S103
CONVERT FORMAT
S104
SEND RETRIEVED DATA
S105
RECEIVE CUSTOMER RESPONSE
S106
NEGO REQUEST?
S107
No
Yes
to S125
SEARCH DATABASE A
S108
CONVERT FORMAT
S109
SEND RETRIEVED DATA
S110
RECEIVE CUSTOMER RESPONSE
S111
ANOTHER NEGO REQUEST?
S112
No
Yes
TRANSACTION INTENT?
S113
No
Yes
to S125
SEARCH DATABASE B
S114
CONVERT FORMAT
S115
to S116

Fig. 10

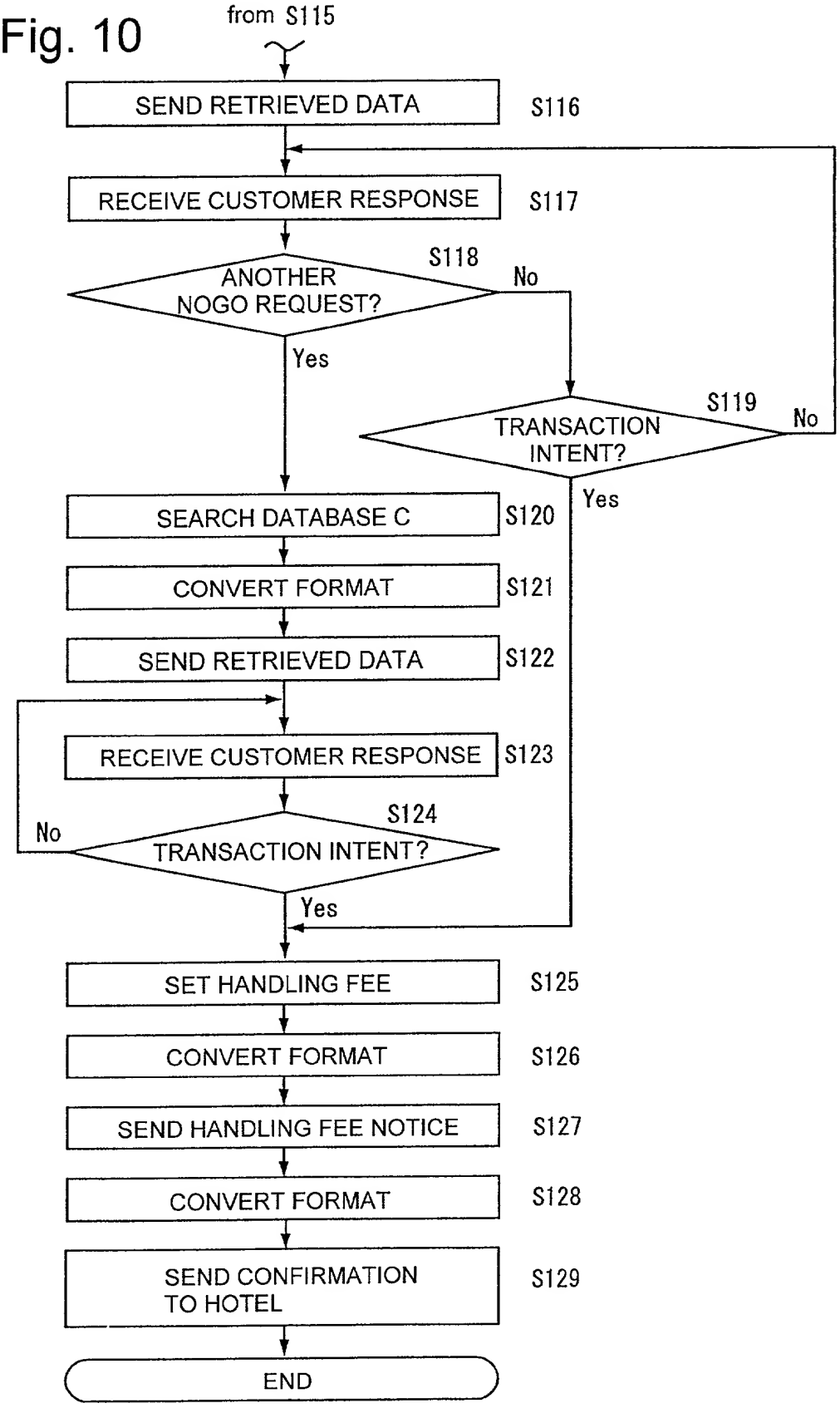

from S115
SEND RETRIEVED DATA
S116
RECEIVE CUSTOMER RESPONSE
S117
ANOTHER NOGO REQUEST?
S118
No
Yes
TRANSACTION INTENT?
S119
No
Yes
SEARCH DATABASE C
S120
CONVERT FORMAT
S121
SEND RETRIEVED DATA
S122
RECEIVE CUSTOMER RESPONSE
S123
TRANSACTION INTENT?
S124
No
Yes
SET HANDLING FEE
S125
CONVERT FORMAT
S126
SEND HANDLING FEE NOTICE
S127
CONVERT FORMAT
S128
SEND CONFIRMATION TO HOTEL
S129
END

Fig. 11

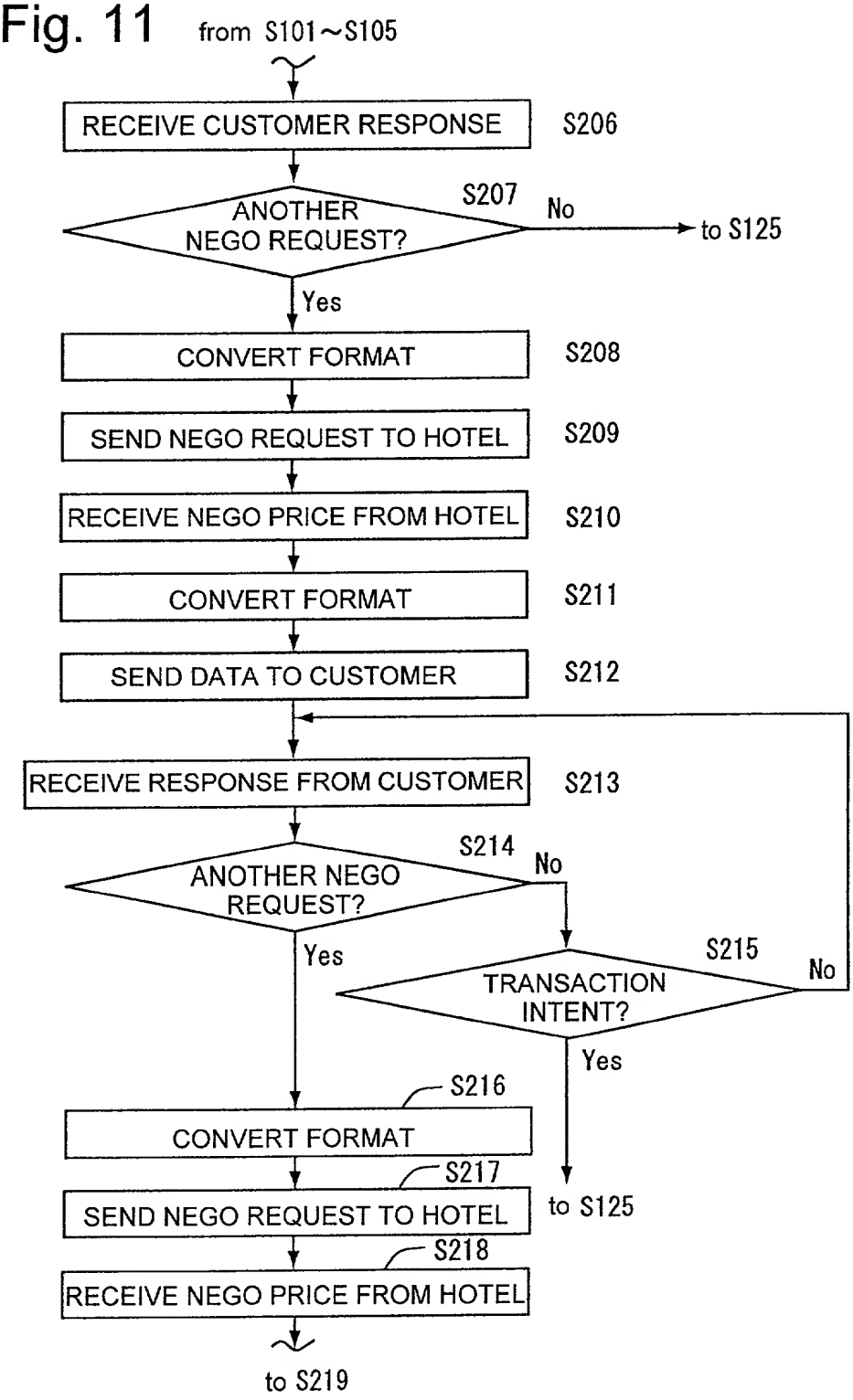
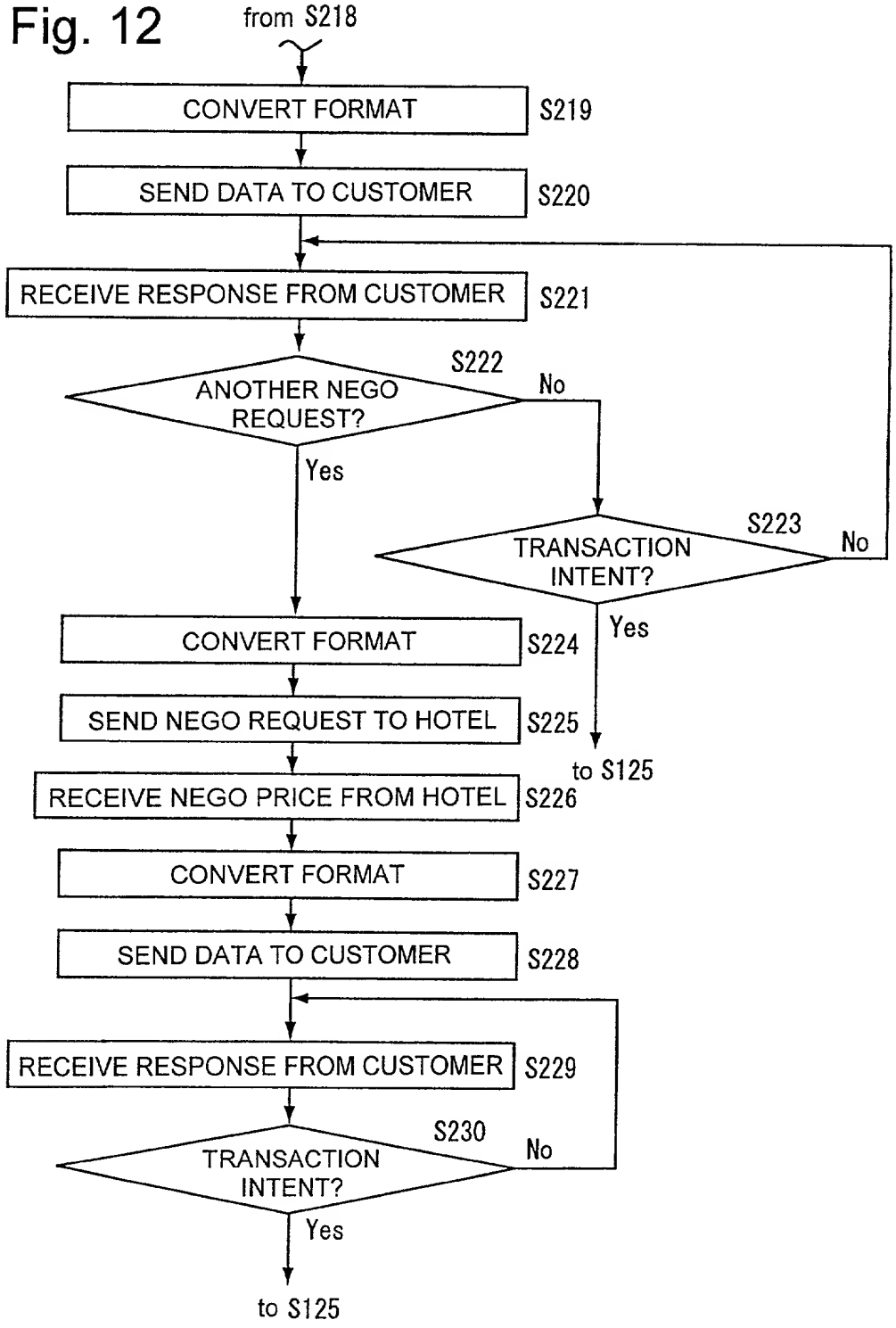

from S101~S105
RECEIVE CUSTOMER RESPONSE
S206
ANOTHER NEGO REQUEST?
S207
No
to S125
Yes
CONVERT FORMAT
S208
SEND NEGO REQUEST TO HOTEL
S209
RECEIVE NEGO PRICE FROM HOTEL
S210
CONVERT FORMAT
S211
SEND DATA TO CUSTOMER
S212
RECEIVE RESPONSE FROM CUSTOMER
S213
ANOTHER NEGO REQUEST?
S214
No
Yes
TRANSACTION INTENT?
S215
No
Yes
CONVERT FORMAT
S216
SEND NEGO REQUEST TO HOTEL
S217
to S125
RECEIVE NEGO PRICE FROM HOTEL
S218
to S219

Fig. 12


from S218
CONVERT FORMAT
S219
SEND DATA TO CUSTOMER
S220
RECEIVE RESPONSE FROM CUSTOMER
S221
S222
ANOTHER NEGO REQUEST?
No
Yes
S223
TRANSACTION INTENT?
No
Yes
CONVERT FORMAT
S224
SEND NEGO REQUEST TO HOTEL
S225
to S125
RECEIVE NEGO PRICE FROM HOTEL
S226
CONVERT FORMAT
S227
SEND DATA TO CUSTOMER
S228
RECEIVE RESPONSE FROM CUSTOMER
S229
S230
TRANSACTION INTENT?
No
Yes
to S125